



Attorney's Docket No.: 518-379002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Sarath Gunapala et al. Art Unit : 2815  
Serial No.: 09/924,209 Examiner : Baumeister, B.  
Filed : August 7, 2001  
Title : QUANTUM WELL SENSOR HAVING SPATIALLY SEPARATED  
SENSING COLUMNS (AS AMENDED)

BOX AF  
Commissioner for Patents  
Washington, D.C. 20231

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RESPONSE

In response to the action mailed May 31, 2002, please amend  
the application as follows:

In the claims:

Please amend Claim 1 as follows:

mbc3  
B1  
-- 1. (Amended) A quantum-well semiconductor device that  
senses radiation energy, comprising:  
a substrate of a substantially transparent semiconductor  
material; and  
a plurality of quantum-well structures, arranged in  
columnar shapes, and spatially separated from one another by a  
gap which is electrically insulating, said plurality of quantum-

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